

Substitute for form 1449/PTO  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	10/756,817	
			Filing Date	January 13, 2004	
			First Named Inventor	Haines	
			Art Unit	3732	
			Examiner Name	Unknown	
Sheet	1	Of 4	Attorney Docket Number	3293.03US10	

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code <sup>2</sup> (if known)		
mch		US-3,739,662	06-19-1973	Windelman et al.
		US-3,774,244	11-24-1973	Walker
		US-3,798,679	03-26-1974	Ewald
		US-3,816,855	06-18-1974	Saleh
		US-4,178,641	12-18-1979	Grundei et al.
		US-4,353,135	10-12-1982	Forte et al.
		US-4,358,859	11-16-1982	Schurman et al.
		US-4,457,307	07-03-1984	Stillwell
		US-4,474,177	10-02-1984	Whiteside
		US-4,487,203	12-11-1984	Androphy
		US-4,501,266	02-26-1985	McDaniel
		US-4,524,766	06-25-1985	Petersen
		US-4,566,448	01-28-1986	Rohr, Jr.
		US-4,567,886	02-04-1986	Petersen
		US-4,568,348	02-04-1986	Johnson et al.
		US-4,586,496	05-06-1986	Keller
		US-4,586,933	05-06-1986	Shoji et al.
	US-4,653,488	03-31-1987	Kenna	
ma		US-4,662,889	05-05-1987	Zichner et al.

### FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
mch		EP0466659 A2	01-15-1992	Ghisellini	
		EP0538153 A1	04-21-1993	Collumb et al.	
		EP0682916 A2	11-22-1995	Bertin et al.	
		FR2664157 A1	01-10-1992	Bosquet et al.	
ma		RU577020	10-25-1977	Pyanov Nikolaj	✓
		WO/9601588	01-25-1996	Duvillier et al.	

EXAMINER SIGNATURE	<i>mch</i>	DATE CONSIDERED	10/29/06
-----------------------	------------	--------------------	----------

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Substitute for form 1449/PTO  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/756,817
				Filing Date	January 13, 2004
				First Named Inventor	Haines
				Art Unit	3732
				Examiner Name	Unknown
Sheet	2	Of	4	Attorney Docket Number	3293.03US10
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		Number-Kind Code <sup>2</sup> (if known)			
mcl		US-4,721,104	01-26-1988	Kaufman et al.	
		US-4,722,330	02-02-1988	Russell et al.	
		US-4,736,737	04-12-1988	Fargle et al.	
		US-4,770,663	09-13-1988	Hanslik et al.	
		US-4,787,383	11-29-1988	Kenna	
		US-4,822,365	04-18-1989	Walker et al.	
		US-4,841,975	06-27-1989	Woolson	
		US-4,892,093	01-09-1990	Zarnowski et al.	
		US-4,896,663	01-30-1990	Vandewalls	
		US-4,938,762	07-03-1990	Wehrli	
		US-4,952,213	08-28-1990	Bowman et al.	
		US-5,002,545	03-26-1991	Whiteside et al.	
		US-5,021,056	06-04-1991	Hofmann et al.	
		US-5,047,032	09-10-1991	Jellicoe	
		US-5,049,149	09-17-1991	Schmidt	
mcl		US-5,053,037	10-01-1991	Lackey	
		US-5,098,436	03-24-1992	Ferrante et al.	
		US-5,100,409	03-31-1992	Coates et al.	
		US-5,129,909	07-14-1992	Sutherland	
FOREIGN PATENT 13DOCUMENTS					
EXAMINER INITIAL*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
EXAMINER SIGNATURE		DATE CONSIDERED		10/29/06	
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.</small>					

Substitute for form 1449/PTO  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known		
				Application Number	10/756,817	
				Filing Date	January 13, 2004	
				First Named Inventor	Haines	
				Art Unit	3732	
				Examiner Name	Unknown	
Sheet	3	Of	4	Attorney Docket Number		3293.03US10

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code <sup>2</sup> (if known)		
<i>mm</i>		US-5,147,365	09-15-1992	Whitlock et al.
		US-5,226,916	07-13-1993	Goodfellow et al.
		US-5,228,459	07-20-1993	Caspari et al.
		US-5,234,432	08-10-1993	Brown
		US-5,234,433	08-10-1993	Bert et al.
		US-5,250,050	10-05-1993	Poggie et al.
		US-5,263,498	11-23-1993	Caspari et al.
		US-5,269,786	12-14-1993	Morgan
		US-5,284,482	02-08-1994	Mikhail
		US-5,304,181	04-19-1994	Caspari et al.
		US-5,306,276	04-26-1994	Johnson et al.
		US-5,314,482	05-24-1994	Goodfellow et al.
		US-5,342,368	08-30-1994	Petersen
		US-5,454,816	10-03-1995	Ashby
		US-5,474,559	12-12-1995	Bertin et al.
		US-5,542,947	08-06-1996	Treacy
		US-5,593,411	01-14-1997	Stalcup et al.
<i>mt</i>		US-5,601,563	02-11-1997	Burke et al.
		US-5,643,272	07-01-1997	Haines et al.

### FOREIGN PATENT DOCUMENTS

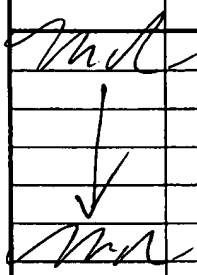
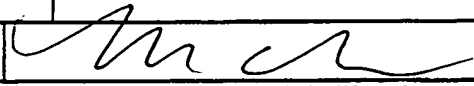
EXAMINER INITIAL*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			

EXAMINER SIGNATURE	<i>mm</i>	DATE CONSIDERED	10/29/06
-----------------------	-----------	--------------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/756,817
				Filing Date	January 13, 2004
				First Named Inventor	Haines
				Art Unit	3732
				Examiner Name	Unknown
Sheet	4	of	4	Attorney Docket Number	3293.03US10
<b>U.S. PATENT DOCUMENTS</b>					
EXAMINER INITIAL*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		Number-Kind Code <sup>2</sup> (if known)			
		US-5,755,803	05-26-1998	Haines et al.	
		US-5,879,354	03-09-1999	Haines et al.	
		US-5,980,526	11-09-1999	Johnson et al.	
		US-6,056,754	05-02-2000	Haines et al.	
		US-6,197,064 B1	03-06-2001	Haines et al.	
		US-6,695,848 B2	02-24-2004	Haines	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
<b>FOREIGN PATENT DOCUMENTS</b>					
EXAMINER INITIAL*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
EXAMINER SIGNATURE		DATE CONSIDERED			
		10/29/06			
<small>           *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.            This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.         </small>					

FEB 24 2006

[illegible]